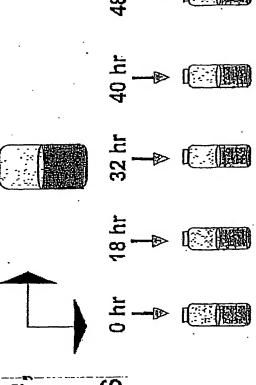




Stem Cell Differentiation Protocol Schema

Synchronized stem cell cycle transit in group culture: TPO, FLT-3L, steel factor

Lineage negative, rhodamine low, Hoechst low cells



2 Weeks Differentiation Culture: G-CSF, GM-CSF, steel

After culture

1

Cytospin: Cell Counts



Wright/Giemsa Staining

Immunofluorescence, FACS for lineage

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Lin-Rholow Holow in TPO, FLT-3L, steel factor: ³H Thymidine Uptake

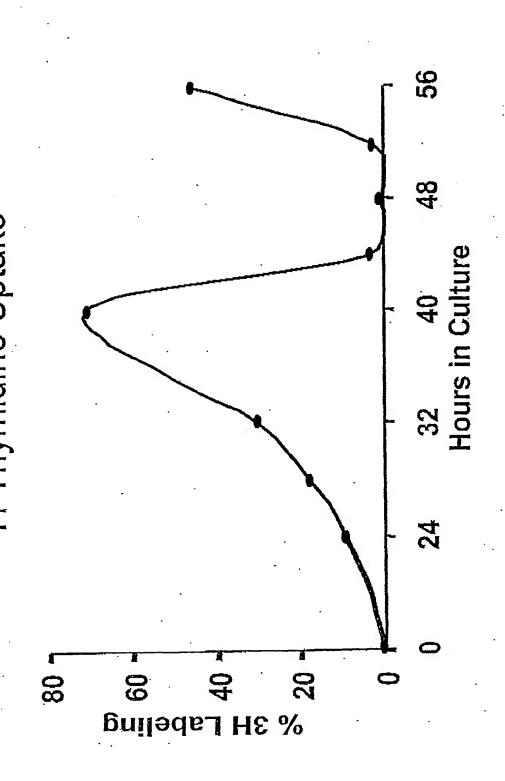


FIG. 2

Proliferative Granulocyte Differentiation Through Cycle

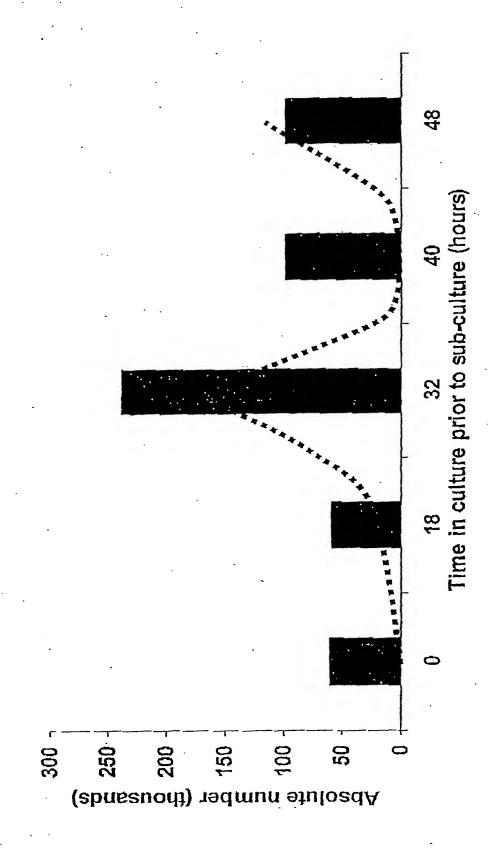


FIG. 3



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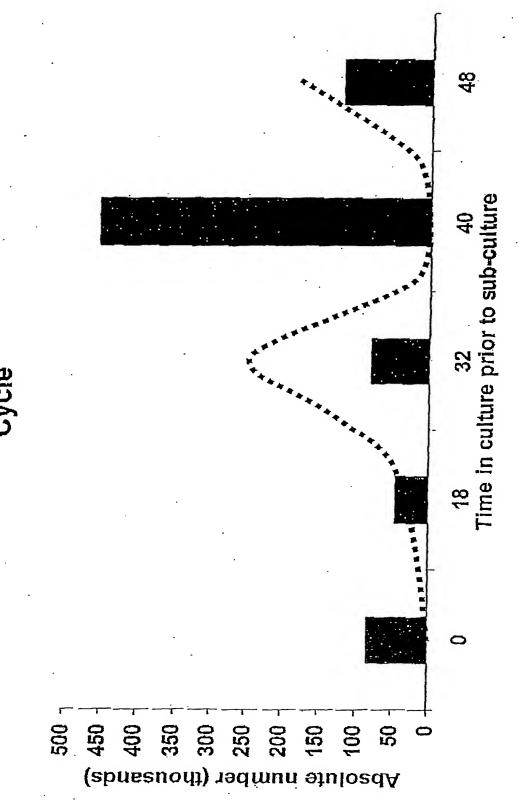


FIG. 4

Megakaryocyte Differentiation Through Cycle

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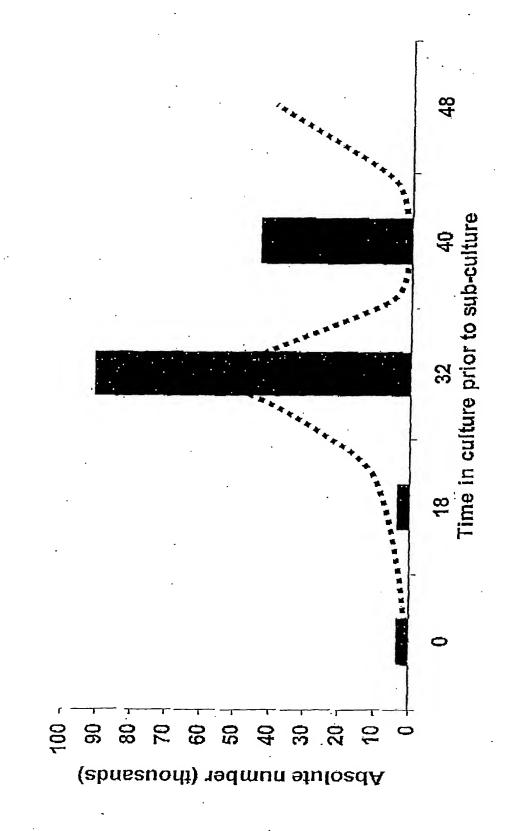


FIG. 5

HPP-CFC through G₁

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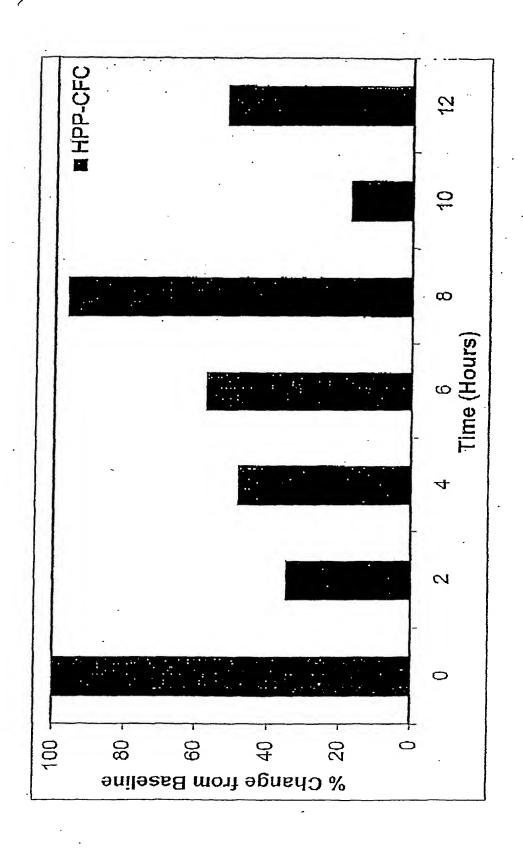


FIG 6